

# LACO TECHNOLOGIES

## REFURBISHED ALCATEL 180T

Upgrade your leak detector to our newly refurbished and rebuilt Alcatel 180T helium mass spectrometer. Thoroughly rebuilt for maximum life, the best-selling Alcatel 180T features anew digital display, an easy-to-read control panel, new parts, an A2LA certified calibration certificate, and a 90 day warranty.



### BENEFITS

- The most widely used and most rugged industrial leak detector on the market
- Three test modes: gross leak, normal, sniffing

### UPGRADES

- LACO Digital Pendant for digital readout
- LACO Pendant mounts easily on leak detector or other metal surfaces with magnetic backing.
- LACO control panel translates Alcatel icons into easy to understand English descriptions.



*Easy to identify English Control Panel*

### 180T SPECIFICATIONS

Minimum detectable helium leak	$5 \times 10^{-12}$ atmcc/sec
Measurement range	$10^{-11}$ atmcc/sec
Maximum test pressure	8 Torr
Helium pumping speed at inlet	4.4 l/sec
Roughing capacity	15 cfm
Start-up time	3 min
Weight	176 lbs
Dimensions	23.6" x 16.1" x 17.7" (W x H x D)

### REFURBISHMENT

#### NEW PARTS

- New ceramic bearings and seals in turbo pump
- New major rebuild kit in rotary vane vacuum pump
- New filter cartridge in RV pump oil mist filter
- New filament, collector and seals in mass spectrometer
- New plungers and seals in valve manifold

#### CLEANING

- All internal vacuum valves, vacuum fittings and hoses ultrasonically cleaned
- All electronic boards checked and cleaned

### CALIBRATION

- Internal helium leak standard supplied with an A2LA accredited calibration certificate
- Vacuum gauge settings checked and adjusted
- Final Test data included